

Amendment to the Specification:

Please replace paragraph [0018] with the following amended paragraph:

- [0018.1] -the flange is created in the shape of a plaque containing a system of ribs in order to optimize the mechanical performance of the unit; and
- [0018.2] -the ~~plaque~~ flange is inclined in relation to the longitudinal axis of the body in order to improve the aerodynamic performance of the arm;

Please replace paragraph [0022] with the following amended paragraph:

- [0022] In Figures 1a and 1b, the wiper arm 10 according to the invention presents a generally elongated shape around a median axis X'X, the arm being made up of a body 12, a ~~plaque~~ flange 14, an end section 16, and a free end portion 18. The end section 16 is created in order to assure the articulated mounting of the arm 10 on the alternating rotation of driving means (not shown) on the arm 10. A transversal rod 15 is designed to hook to a wiping pressure screw (not shown).

Please replace paragraphs [0024]-[0029] with the following amended paragraph:

- [0024] Conforming to the invention, the thermoplastic material of the body 12 is filled with 25% glass fibers by weight, while the thermoplastic material of the ~~plaque~~ flange 14, on which the body 12 rests, is filled with 45 % glass fiber by weight. The techniques of incorporating the fibers other than by casting are known to a technician in the field.

- [0025] In this production example, the flange 14 is fixed to the body 12 via soldering. Before soldering the ~~plaque~~ flange 14, it is possible to incorporate a canal and sprayers in order to install the windshield washing system.

- [0026] The transversal cut view in Figure 2 shows the upside-down U shape of the body 12, bounded by two lateral side panels 12a and 12b linked by a back 12c and protecting the ribs 13. The body 12 also presents between the ends ~~12c~~ 12d of the lateral side panels, an opening towards the window to be wiped and which, according to the invention, is closed by the ~~plaque~~ flange 14.

[0027] The invention is not limited to the production example described and represented. Outside of these specific modes of production described above, it is also possible to create the arm 10 in one single piece, the body 12 and the flange 14 being pre-filled with fibers according to the given percentages or selectively filled in a method other than casting.

[0028] In addition, the flange 14 can be created with a variable thickness or a convex curve at one of the ends of the arm 10, the geometry of the ribs 13 adapting then to the geometry of the flange 14. The ribs 13 can come from casting with the flange 14 and/or the body 12, the entire unit between the ribs 13, the body 12 and flange 14 being created by means explained above.

[0029] In addition, the body 12 can incorporate the flange 14, the unit being created on the internal side of the side panels 12a, 12b of the body 12 and not on the ends of the body 12. Also, the body 12 can present, in transversal cut, symmetrical polygon shapes, such as rectangle, trapezoid, etc., or asymmetric, and have rounded tops.